

Are You Ready to Master Economics and Finance?

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Talk

Structure

Core

Tracks

Extra

Alumni

In a nutshell

Core

21 credits: 3 advanced courses

Tracks

30 credits: 5 out of 6-7 courses

Electives

42–54 credits: all courses available across tracks

Off-electives

0–12 credits: any Master level course at Charles University

Thesis

15 credits: 2 thesis seminars

Advanced Microeconomics

- ▶ rigorous treatment of decision-making under uncertainty and risk
- ▶ microfoundations of asset-pricing: markets with state-contingent commodities
- ▶ general equilibrium

Advanced Macroeconomics

- ▶ micro-based modeling of long-term growth and short-term fluctuations
- ▶ classic policy issues: monetary policy and unemployment

Advanced Econometrics

- ▶ parametric and semiparametric estimation
- ▶ endogeneity and instrumental variables
- ▶ panel data, discrete choice

Track 1: Theory and Modeling

- ▶ Main skills: advanced macroeconomic modeling
- ▶ Placements: central bank, Ministry of Finance, banks, large firms, academia
- ▶ 5 courses out of 6
 - ▶ Macro: Mathematical Methods, New Keynesian DSGE Modeling, Business Cycles Theory, Topics in Macroeconomics
 - ▶ Economic Theory: Game Theory
 - ▶ Statistics: Matematická statistika
- ▶ Recommended electives
 - ▶ central banks: Applied Econometrics, Monetary Economics, International Macroeconomics, Tools for Modern Macroeconometrics
 - ▶ international trade, business and finance: International Macroeconomics, Financial Markets, Introduction to International Investment Protection
 - ▶ EU economic policy: European Economic Policies, International Macroeconomics, Monetary Economics, Banking and Financial Regulation, Antitrust Economics
 - ▶ research: Applied Econometrics, Robust Statistics and Econometrics

Track 2: Finance, Financial Markets, and Banking

- ▶ Main skills: advanced financial modeling, both at company and industry-level
- ▶ Placements: banks, consultancies, Big 4, financial industry, big companies
- ▶ 5 courses out of 7
 - ▶ Financial markets: Financial Markets, Financial Market Instruments I,II
 - ▶ Finance: Quantitative Finance I, Portfolio Analysis and Risk Management
 - ▶ Banking: Banking, Microeconomics of Banking
- ▶ Highly relevant electives
 - ▶ banks: Bank Asset and Liability Management, Banking and Financial Regulation
 - ▶ data analysis: Applied Econometrics, Data Science in R, Advanced Statistics (Bayesian Data Analysis), Robust Statistics and Econometrics
 - ▶ financial analysis: Financial Modelling Using MS Excel and VBA, Company Valuation, Corporate Finance, Private Equity
 - ▶ accounting and tax: Účetní a daňové poradenství, Účetnictví cenných papírů
 - ▶ legal environment: Právo obchodních společností, Corporate Governance, Finanční regulace
 - ▶ international business: Introduction to International Investment Protection, Introduction to Commercial Dispute Resolution
 - ▶ health industry: Health Economics, Applied Microeconometrics
 - ▶ energy industry: Energy Economics and Markets, Environmental Economics and Consumer Valuation
 - ▶ public sector: Applied Microeconometrics, Public Economics
 - ▶ real estate: Real Estate Valuation
 - ▶ regulation: Antitrust Economics

Extra offers

- ▶ Study abroad
 - ▶ **Departments of Economics and Finance** at our partner Universities (Bocconi, Amsterdam, Maastricht, Louvain/Leuven, Frankfurt, HU Berlin, Mannheim, Toulouse, Sorbonne, Aarhus, Australian National University)
 - ▶ **Departments of Finance** at our partner Business Schools (Peking University HSBC, ICHEC Brussels, ESCE Paris, IESEG Lille, Montpellier, Durham, Limerick, Umea); with options to take more business-like courses (Accounting, Quantitative Marketing)
- ▶ Mathematical and Physics Faculty
 - ▶ Financial Mathematics
 - ▶ Life Insurance
- ▶ Visiting Master's at CERGE-EI
 - ▶ parallel core courses taken at CERGE-EI
 - ▶ all courses recognized at IES
- ▶ Corporate Strategy and Finance in Europe
 - ▶ a double degree with University of Strasbourg
 - ▶ we transfer about 3 students every year to Strasbourg

A Year After (June 2016 graduates, response rate 78%)

Hoxha Mimi	Accountant	AVANT Communications Inc, Chicago
Ozturk Durmus	Actuarial Analyst, Risk Modeller	Aon Benfield
Dopita Jiří	Analyst	Verdi Capital Group
Thoma Richard	Analyst, Business Intelligence	Hypoteční banka
Smotlachová Eva	Assistant, Transfer Pricing	KPMG
Hawi André	Assurance Associate	PwC
Bečvaříková Vendula	Audit Assistant	Mazars
Burianová Markéta	Audit Assistant	EY
Chudá Tatiana	Audit Associate	PwC
Král Tomáš	Banking Book Risk Analyst	Erste Group, Vienna
Černý Kryštof	Business Analyst / Developer, Risk & Analytics IT	Barclays Investment Bank
Pižl Vojtěch	Consultant, Financial Risk Modeling	PwC
Bláhová Pavla	Credit Risk Advisor	ČSOB
Klepetko Tomáš	Credit Risk Management	ČSOB
Dobiáš Adam	Data Analyst	Dateio
Sentivany Daniel	Data Mining Specialist	Creditinfo Solutions
Hečimović Emir	Financial Analyst	NSoft
Kadlecová Pavlína	Forensic Services Department	PwC
Vopat Daniel	Investment Analyst	I.C.P. Capital Partners
Bechný Jakub	PhD Candidate	MU
Jonášová Júlía	PhD Candidate	IES
Smutná Šarlota	PhD Candidate	IES
Vraná Veronika	PhD Candidate	CERGE-EI
Žáček Jan	PhD Candidate, Expert Analyst	IES, Úřad vlády ČR
Šoltés Michal	PhD Candidate, Chief Economist	CERGE-EI, Roklen
Nevrla Matěj	PhD Candidate, Junior Researcher	IES
Palanský Miroslav	PhD Candidate, Junior Researcher	IES
Kotek Martin	PhD Candidate, Risk Analyst Intern	CERGE-EI, Home Credit International
Čábelová Kateřina	Risk Analyst	Raiffeisenbank
Kocholová Soňa	Risk Models Specialist	ČSOB
Brandejs David	Senior Auditor	KPMG
Kireichenko Kateryna	Senior Customer Master Specialist	Honeywell
Kondratenko Ivan	Trade Specialist	Lukoil, Accounting and Finance Europe